IN RE APPLICATION OF: D. COATES

SERIAL NO: 09/484,259 GAU:

2871

LECENELL SER 28

EXAMINER: T. Chowdhury

January 18, 2000

CHOMEOTROPICALLY ALIGNED LIQUID CRYSTAL LAYER AND PROCESS FOR THE HOMEOTROPIC ALIGNMENT OF LIQUID CRYSTALS ON PLASTIC SUBSTRATES

AMENDMENT TRANSMITTAL

CAMBINE MINISSIONER FOR PATENTS

WASHINGTON, D.C. 20231

SIR:

Transmitted herewith is an amendment in the above-identified application.

No additional fee is required.

Applicant(s) is/are entitled to small entity status.

Additional documents filed herewith:

The fee has been calculated below:

CLAIMS	CLAIMS REMAINING		HIGHEST NO. PREVIOUSLY PAID FOR	NO. OF EXTRA CLAIMS		RATE	CALCULATIONS
TOTAL	23	MINUS	20	3	х	\$18 =	\$54.00
INDEPENDENT	5	MINUS	3	2	х	\$84 =	\$168.00
8	☐ MULTIPLE DEPENDENT CLAIMS						
	TOTAL OF ABOVE CALCULAT						\$222.00
	REDUCTION BY 50% FOR FILING BY SMALL ENTITY						\$0.00
1.55	☐ RECORDATION OF ASSIGNMENT + \$40 =						\$0.00
				<u> </u>		TOTAL	\$222.00

- A check in the amount of \$222.00 is attached. \boxtimes
- Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or \boxtimes credit any overpayment to Deposit Account No. 13-3402. A duplicate copy of this sheet is enclosed.
- If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under \boxtimes 37 C.F.R. § 1.136, and any additional fees required under 37 C.F.R. § 1.36 for any necessary extension of time may be charged to Deposit Account No. 13-3402. A duplicate copy of this sheet is enclosed.

Respectfully submitted.

Jonathan G. Brown

Atty., Registration No. 47,451 Attorney/Agent for Applicants .

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Date: February 8, 2002

I hereby certify that this correspondence is being deposited with the U.S. Postal Services as First Class Mail in an envelope addressed to: Assistant Commissioner For Patents Washington, D.C. 20231 on Name: Signature Date



JE COLINED THE STATE OF THE STA UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

D. COATES et al.

Examiner: T. Chowdhury

Serial No.: 09/484,259

Group Art Unit: 2871

Filed: January 18, 2000

Title: HOMEOTROPICALLY ALIGNED LIQUID CRYSTAL LAYER AND PROCESS

FOR THE HOMEOTROPIC ALIGNMENT OF LIQUID CRYSTALS ON

PLASTIC SUBSTRATES

I hereby certify that this correspondence is being deposited with the U.S. Postal Services as First Class Mail in an envelope addressed to:

Assistant Commissioner For Patents Washington, D

Name: Signature:

AMENDMENT

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

In response to the office action dated August 8, 2001, please amend the above-identified application as indicated and consider the remarks which follow:

IN THE CLAIMS:

Please amend claims 1, 11-13 and 15-18 as follows:

1. (Twice Amended) Liquid Crystal film or layer with homeotropic alignment, wherein said homeotropic alignment is achieved by an aligning layer on a substrate, and wherein said aligning layer is a smooth Al₂O₃ layer.

11. (Amended) A liquid crystal layer as in claim 1, wherein said aligning layer is a thin transparent Al₂O₃ coating.

12. (Amended) A liquid crystal layer as in claim 28, wherein said aligning layer is an aluminum coating with an optical density of from 1.0 to 2.0.

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